

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the present application.

Listing of Claims:

1-10 (Canceled).

11. (Currently Amended) A method for evaluation and stabilization over time of classification results from a classification method which proceeds in computer-assisted fashion, the method comprising:

sensing, by sensors, objects to be classified over a period of time;

repeatedly classifying the objects, by a computer processor, using specific quality parameters for each object class, wherein each classification utilizes a separate instance of sensor data obtained over the period of time by the sensors;

increasing, by the processor, a value of a confidence parameter of an object class, the confidence parameter being calculated from the quality parameters [[if]] and the increasing being conditional upon a subsequent one of the classifications confirming classification ~~confirms~~ a result of a previous one of the classifications classification;

decreasing, by the processor, the value of the confidence parameter of an object class, the decreasing being conditional upon [[if]] a subsequent one of the classifications classification ~~classification does not failing to~~ confirm the result of a previous one of the classifications classification; and

generating, by the processor, a final classification result including the confidence parameters that have been increased or decreased in value.

12. (Previously Presented) The method as recited in claim 11, wherein the increasing of the value is performed as a function of an absolute quality of the confidence parameter.

13. (Previously Presented) The method as recited in claim 11, wherein the decreasing in the value is performed as a function of an absolute quality of the confidence parameter.

14. (Previously Presented) The method as recited in claim 11, wherein an absolute quality of respective individual results of the classification method is included in at least one of the increase in the value of the respective confidence parameters, and the decrease in the value of the respective confidence parameter, in weighted fashion with reference to individual object classes.

15. (Previously Presented) The method as recited in claim 11, further comprising:
limiting a permissible value range for the confidence parameters increased or decreased in value.

16. (Previously Presented) The method as recited in claim 11, further comprising:
evaluative analyzing the calculated confidence parameter to determine a final, detailed classification result.

17. (Previously Presented) The method as recited in claim 16, further comprising:
evaluating an alternation of the classification results between specific object classes as a classification into a higher-order class than those object classes.

18. (Previously Presented) The method as recited in claim 16, further comprising:
evaluating an alternation of the classification results between dissimilar object classes as a rejection of a classification of the object.

19. (Previously Presented) The method as recited in claim 11, further comprising:
evaluating classification results of the classification method for objects in surroundings of a vehicle.

20. (Currently Amended) A computer-assisted vehicle information system, comprising:

connection interfaces to vehicle sensor devices for sensing objects in surroundings of a vehicle; and

a control circuit configured to analyze and classify the sensed objects the control circuit configured to perform the following:

sensing objects to be classified using sensors over a period of time;

repeatedly classifying the objects using specific quality parameters for each object class, wherein each classification utilizes a separate instance of sensor data obtained over the period of time by the sensors;

increasing a value of a confidence parameter of an object class, the confidence parameter being calculated from the quality parameters [[if]] and the increasing being conditional upon a subsequent one of the classifications confirming classification ~~confirms~~ a result of a previous one of the classifications classification;

decreasing the value of the confidence parameter of an class, the decreasing being conditional upon [[if]] a subsequent one of the classifications classification ~~does not failing to~~ confirm the result of a previous one of the classifications classification; and

generating a final classification result including the confidence parameters that have been increased or decreased in value.

21. (Previously Presented) The vehicle information system as recited in claim 20, further comprising:

interfaces connected to actuator devices on the vehicle.

22. (New) The method as recited in claim 11, wherein the confidence parameters are sorted into a list according to value.

23. (New) The method as recited in claim 22, wherein the increasing includes increasing the value of the confidence parameters by varying amounts based on a list rank of each confidence parameter.

24. (New) The method as recited in claim 22, wherein conditional upon the confidence parameters calculated during a classification indicating that an object does not belong to any class, the confidence parameters of all classes are decreased in value.

25. (New) The method as recited in claim 11, wherein the processor rejects the final classification result as invalid conditional upon the confidence parameter with the highest value failing to exceed a predetermined minimum threshold value.

26. (New) The method as recited in claim 11, wherein the processor rejects the final classification result as invalid conditional upon a difference between the values of a highest confidence parameter and a second-highest confidence parameter failing to exceed a predetermined minimum threshold value.